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Sequence Listing was accepted with existing errors.

See attached Validation Report.

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217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Fri Aug 03 17:44:02 EDT 2007

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Validated By CRFValidator v 1.0.2

Application No: 10587995 Version No: 1.1

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Finished: 2007-08-03 17:43:27.615
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No. of SeqIDs Defined: 5
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SEQUENCE LISTING

<110> METCALFE, SUSAN MARIE

<120> METHOD OF INDUCING OR MODULATING IMMUNE RESPONSE

<130> 25991-0002

<140> 10/587,995

<141> 2006-07-31

<150> PCT/EP05/000934

<151> 2005-01-31

<150> GB 0402051.7

<151> 2004-01-29

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<170> PatentIn Ver. 3.3

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| tattgataga | gccgtgcaaa | tgcacaggga | gcctgcagta | cgtccatcaa | gagtgtatga | 1920 |
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<212> PRT

<213> Homo sapiens

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Gln Asn Gln Gln Arg Asp His Asp Ser Lys Arg Pro Lys Leu Ser Cys
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| Thr | Leu | Gln | Leu | Asn | Thr | Ser | Ser | Thr | Asn | His | Gln | Leu | Pro | Ser | Glu | 195 | 200 | 205 |
| His | Gln | Thr | Ile | Leu | Ser | Ser | Arg | Asp | Ser | Arg | Asn | Ser | Leu | Arg | Ser | 210 | 215 | 220 |
| Asn | Phe | Ser | Ser | Arg | Glu | Ser | Glu | Ser | Ser | Arg | Ser | Asn | Thr | Gln | Pro | 225 | 230 | 235 240 |
| Gly | Phe | Ser | Tyr | Ser | Ser | Ser | Arg | Asp | Glu | Ala | Pro | Ile | Ile | Ser | Asn | 245 | 250 | 255 |
| Ser | Glu | Arg | Val | Val | Ser | Ser | Gln | Arg | Pro | Phe | Gln | Glu | Ser | Ser | Asp | 260 | 265 | 270 |
| Asn | Glu | Gly | Arg | Arg | Thr | Thr | Arg | Arg | Leu | Leu | Ser | Arg | Ile | Ala | Ser | 275 | 280 | 285 |
| Ser | Met | Ser | Ser | Thr | Phe | Phe | Ser | Arg | Arg | Ser | Ser | Gln | Asp | Ser | Leu | 290 | 295 | 300 |
| Asn | Thr | Arg | Ser | Leu | Asn | Ser | Glu | Asn | Ser | Tyr | Val | Ser | Pro | Arg | Ile | 305 | 310 | 315 320 |
| Leu | Thr | Ala | Ser | Gln | Ser | Arg | Ser | Asn | Val | Pro | Ser | Ala | Ser | Glu | Val | 325 | 330 | 335 |
| Pro | Asp | Asn | Arg | Ala | Ser | Glu | Ala | Ser | Gln | Gly | Phe | Arg | Phe | Leu | Arg | 340 | 345 | 350 |
| Arg | Arg | Trp | Gly | Leu | Ser | Ser | Leu | Ser | His | Asn | His | Ser | Ser | Glu | Ser | 355 | 360 | 365 |
| Asp | Ser | Glu | Asn | Phe | Asn | Gln | Glu | Ser | Glu | Gly | Arg | Asn | Thr | Gly | Pro | 370 | 375 | 380 |
| Trp | Leu | Ser | Ser | Ser | Leu | Arg | Asn | Arg | Cys | Thr | Pro | Leu | Phe | Ser | Arg | 385 | 390 | 395 400 |
| Arg | Arg | Arg | Glu | Gly | Arg | Asp | Glu | Ser | Ser | Arg | Ile | Pro | Thr | Ser | Asp | 405 | 410 | 415 |
| Thr | Ser | Ser | Arg | Ser | His | Ile | Phe | Arg | Arg | Glu | Ser | Asn | Glu | Val | Val | 420 | 425 | 430 |
| His | Leu | Glu | Ala | Gln | Asn | Asp | Pro | Leu | Gly | Ala | Ala | Ala | Asn | Arg | Pro | 435 | 440 | 445 |
| Gln | Ala | Ser | Ala | Ala | Ser | Ser | Ser | Ala | Thr | Thr | Gly | Gly | Ser | Thr | Ser | 450 | 455 | 460 |
| Asp | Ser | Ala | Gln | Gly | Gly | Arg | Asn | Thr | Gly | Ile | Ser | Gly | Ile | Leu | Pro | 465 | 470 | 475 480 |
| Gly | Ser | Leu | Phe | Arg | Phe | Ala | Val | Pro | Pro | Ala | Leu | Gly | Ser | Asn | Leu | 485 | 490 | 495 |

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Glu Tyr Gln Ser Ala Ser Ala Ser Ala Cys Ala Ser Pro Cys Gln Pro
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Ala Trp Tyr Ser Glu Ser Glu Ile Pro Gln Gly Ala Arg Ala Arg Ala
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Gln Thr Gln Gln Arg Asp His Asp Ser Lys Arg Pro Lys Leu Ser Cys
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Thr Asn Cys Ala Ser Thr Ser Ala Gly Arg Asn Gly Gly Ser Gly Leu
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Val Ser Thr Leu Gln Leu Asn Ser Ser Ser Thr Asn His Gln Leu Pro
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Ser His Pro Ala Phe Ser Tyr Phe Ser Ser Arg Asn Glu Thr Pro Thr
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Ile Ser Asn Ser Glu Arg Gly Ser Ser Gln Arg Pro Tyr Arg Glu Ser
 260 265 270

Ser Asp Asn Glu Gly Arg Arg Thr Thr Arg Arg Leu Leu Ser Arg Ile
 275 280 285

Ala Ser Ser Met Ser Ser Thr Phe Phe Ser Arg Arg Ser Ser Gln Asp
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Ser Leu Asn Thr Arg Ser Leu Ser Ser Glu Asn Tyr Ile Ser Pro Arg
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Thr Leu Thr Ser Gln Ser Arg Asn Asn Gly Thr Ser Ser Ser Ser Asp
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Val Ser Glu Gly Arg Ala Ala Glu Ala Ser Gln Gly Phe Arg Phe Leu
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| | | | | | | | | | | | | | | | | | | | |
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| Pro | Glu | Ala | Glu | Asn | Phe | Asn | Gln | Glu | Ser | Glu | Gly | Arg | Asn | Ser | Gly | 370 | 375 | 380 | |
| Pro | Trp | Leu | Ser | Ser | Ser | Leu | Arg | Asn | Arg | Cys | Thr | Pro | Leu | Phe | Ser | 385 | 390 | 395 | 400 |
| Arg | Arg | Arg | Arg | Glu | Gly | Arg | Asp | Glu | Ser | Ser | Arg | Met | Ser | Thr | Ser | 405 | 410 | 415 | |
| Asp | Val | Pro | Pro | Arg | Ser | His | Ile | Phe | Arg | Arg | Asp | Ser | Asn | Glu | Val | 420 | 425 | 430 | |
| Val | His | Leu | Glu | Ala | Gln | Gly | Asp | Ser | Leu | Gly | Ala | Ala | Ala | Asn | Arg | 435 | 440 | 445 | |
| Pro | Gln | Ala | Ser | Gly | Ala | Ser | Ser | Ser | Ala | Ala | Ala | Gly | Gly | Ser | Thr | 450 | 455 | 460 | |
| Pro | Glu | Leu | Pro | Gln | Gly | Gly | Arg | Asn | Pro | Gly | Leu | Thr | Gly | Ile | Leu | 465 | 470 | 475 | 480 |
| Pro | Gly | Ser | Leu | Phe | Arg | Phe | Ala | Val | Pro | Pro | Ala | Leu | Gly | Ser | Asn | 485 | 490 | 495 | |
| Leu | Ala | Asp | Asn | Val | Met | Ile | Thr | Val | Asp | Ile | Ile | Pro | Ser | Gly | Trp | 500 | 505 | 510 | |
| Asn | Ser | Thr | Asp | Gly | Lys | Asn | Asp | Lys | Ala | Lys | Ser | Ala | Pro | Ser | Arg | 515 | | | |